PENDING CLAIMS

1. (*Previously amended*) A Distributed Computer Resource Bartering System (DCRBS) comprising:

a plurality of independent computing devices coupled to a network, wherein each of the computing devices is provided with a variety of computing resources;

a coordination computing device configured to coordinate bartering of various computing resources respectively running in the computing devices, wherein each of the computing devices is configured to barter the various computing resources with the coordination computing device that is executing a negotiation process requiring human intervention to determine importance and valuation of a task and benefits to subsequently reach a bartering contract with some of the computing devices; and

wherein a fraction of the computing resources of each of some of the computing devices is coordinated through the coordination computing device and to simultaneously communicate and functionally operate with each other through the network to perform an application.

2. (*Previously amended*) The Distributed Computer Resource Bartering System according to claim 1, wherein the network is one of a Local Area Network, a Wide Area Network or the Internet.

3. (*Previously amended*) The Distributed Computer Resource Bartering System according to claim 1, wherein the computing resources are individually valued and systematically classified into a number of major bartering categories to effectuate a commerce driven bartering mechanism.

4. (*Previously amended*) The Distributed Computer Resource Bartering System according to claim 3, wherein the major bartering categories are selected from a

group consisting of computing power, computing memory, computing storage, computer peripherals, computer files, network access, and money.

5. (*Previously amended*) The Distributed Computer Resource Bartering System according to claim 4, wherein the computing power is valuated using parameters selected from a group consisting of MIPS, MFLOPS and usage time.

6. (*Previously amended*) The Distributed Computer Resource Bartering System according to claim 4, wherein the computing memory is valuated using parameters selected from a group consisting of MB, ns of Read time, ns of Write time and usage time.

7. (*Previously amended*) The Distributed Computer Resource Bartering System according to claim 4, wherein the computing storage is valuated using parameters selected from a group consisting of MB, ms of Read time, ms of Write time and usage time.

8. (*Previously amended*) The Distributed Computer Resource Bartering System according to claim 4, wherein the computer peripherals is valuated using parameters selected from a group consisting of resolution, color depth, speed and usage time.

9. (*Previously amended*) The Distributed Computer Resource Bartering System according to claim 4, wherein the computer files is valuated using parameters pertaining to a series of respectively associated descriptive header files.

10. (*Previously amended*) The Distributed Computer Resource Bartering System according to claim 4, wherein the network access is valuated using parameters selected from a group consisting of speed, QOS and usage time.

11. (*Previously amended*) The Distributed Computer Resource Bartering System according to claim 4, wherein the money further comprises a subset of bartering

items selected from a group consisting of cash, credit, sweepstakes and commissions.

12. (*Previously amended*) The Distributed Computer Resource Bartering System according to claim 1, wherein the coordination computing device and one or more of the computing devices form one or more DCRBS communities that either independently function or communicate and coordinate with each other simultaneously through the network for bartering activity.

13. (*Previously amended*) The Distributed Computer Resource Bartering System according to claim 1, wherein the application includes massively distributed computing, Peer-to-Peer Electronic Commerce, Peer-to-Peer file swapping, Web site security testing, Web performance testing, PEER-TO-PEER Streamline Media Broadcasting, Web Indexing Spider, Peer Software Router, PEER-TO-PEER Game Coordinator, Wireless PEER-TO-PEER Digital Content Swapping Platform, advanced information search engines and self-balanced data routing networks.

14. (*Previously amended*) A Distributed Computer Resource Bartering System (DCRBS) comprising:

a plurality of independent computing devices coupled to a network, each of the computing devices preinstalled with a DCRBS software module;

a coordination computing device preinstalled with a DCRBS coordinator software module that is configured to coordinate bartering of various computing resources respectively running in the computing devices, the DCRBS coordinator software module determining a set of candidates from the computing devices in reference to collected parameters pertaining to each of the candidates, wherein the coordination computing device is further executing a negotiation process requiring human intervention to determine importance and valuation of a task and benefits to subsequently reach a bartering contract with some of the candidates;

wherein the DCRBS software module in each of the computing devices notifies the coordination computing device whenever there is a status change pertaining to computing power and computing memory therein,

and

wherein some of the computing resources of the candidates communicate and functionally operate with one another through the network to perform an application.

15. (*Previously amended*) A method of performing a Distributed Computer Resource Bartering (DCRB), the method comprising:

coupling a plurality of independent computing devices to a network, wherein each of the computing devices is installed with a DCRBS software module;

installing a coordination software module on one of the computing devices (hereinafter "coordination computing device") to coordinate bartering of various computing resources among all the computing devices;

in responding to a request from the coordination computing device, the DCRBS software module in each of the computing devices configured to release parameters to the coordination computing device such that the coordination computing device determines a set of candidates with respect to some criteria;

executing a negotiation process requiring human intervention to determine importance and valuation of a task and benefits to subsequently reach a bartering contract with some of the candidates; and

causing the some of the candidates to communicate and functionally operate with one another through the network to perform a desirable application.

16. (*Previously amended*) The method of performing a Distributed Computer Resource Bartering according to claim 15, wherein the network is one or more of a Local Area Network, a Wide Area Network or the Internet.

17. (*Previously amended*) The method of performing a Distributed Computer Resource Bartering according to claim 16, wherein the various computing resources are individually valued and systematically classified into a number of major bartering categories to effect a commerce driven bartering mechanism.

18. (*Previously amended*) The method of performing a Distributed Computer Resource Bartering according to claim 17, wherein the major bartering categories are selected from a group consisting of computing power, computing memory, computing storage, computer peripherals, computer files, network access, and money.

19. (*Previously amended*) The method of performing a Distributed Computer Resource Bartering according to claim 18, wherein the computing power is valuated using parameters selected from a group consisting of MIPS, MFLOPS and usage time.

20. (*Previously amended*) The method of performing a Distributed Computer Resource Bartering according to claim 18, wherein the computing memory is valuated using parameters selected from a group consisting of MB, ns of Read time, ns of Write time and usage time.

21. (*Previously amended*) The method of performing a Distributed Computer Resource Bartering according to claim 18, wherein the computing storage is valuated using parameters selected from the group consisting of MB, ms of Read time, ms of Write time and usage time.

22. (*Previously amended*) The method of performing a Distributed Computer Resource Bartering according to claim 18, wherein the computer peripherals is valuated using parameters selected from a group consisting of resolution, color depth, speed and usage time.

23. (*Previously amended*) The method of performing a Distributed Computer Resource Bartering according to claim 18, wherein the computer files is valuated using parameters from the group pertaining to a series of respectively associated descriptive header files.

24. (*Previously amended*) The method of performing a Distributed Computer Resource Bartering according to claim 18, wherein the network access is valuated using parameters selected from a group consisting of speed, QOS and usage time.

25. (*Previously amended*) The method of performing a Distributed Computer Resource Bartering according to claim 18, wherein the money further comprises a subset of bartering items selected from a group consisting of cash, credit, sweepstakes and commissions.

26. (*Previously amended*) The method of performing a Distributed Computer Resource Bartering according to claim 15 further comprising forming one or more DCRBS communities, each including the coordination computing device and one or more of the individual peer computing devices that either independently function or communicate and coordinate with one another simultaneously through the network for bartering activity.

27. (*Previously amended*) The method of performing a Distributed Computer Resource Bartering according to claim 15, wherein the application includes massively distributed computing, Peer-to-Peer Electronic Commerce, Peer-to-Peer file swapping, Web site security testing, Web performance testing, PEER-TO-PEER Streamline Media Broadcasting, Web Indexing Spider, Peer Software Router, PEER-TO-PEER Game Coordinator, Wireless PEER-TO-PEER Digital Content Swapping Platform, advanced information search engines and self-balanced data routing networks.